

Converting Colors

Hex(86BBDC)

Have a look what the booklet for
Hex(86BBDC) contains.

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Color

Hex(86BBDC)

Conversions

Conversions Part 1

Format	Color
Hex	86BBDC
RGB	134, 187, 220
RGB Percent	53%, 73%, 86%
CMY	0.4745, 0.2667, 0.1373
CMYK	0.39, 0.15, 0.00, 0.14
HSL	203°, 55%, 69%
HSV	203°, 39%, 86%
XYZ	40.5201, 45.7763, 74.4102
YIQ	174.9150, -42.1810, -0.9730

Conversions

Conversions Part 2

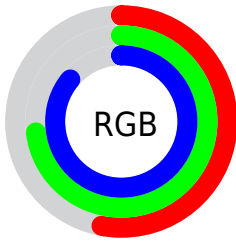
Format	Color
RYB	134, 167, 220
Decimal	8829916
CIELab	73.40, -9.03, -22.03
CIElCh	73, 23.808, 247.700
Yxy	45.7763, 0.2521, 0.2848
Android (android.graphics.Color)	4287019996 (0xFF86BBDC)
YUV	174.9150, 22.2269, -35.8825
Hunter-Lab	67.6582, -11.4991, -17.8462

Details

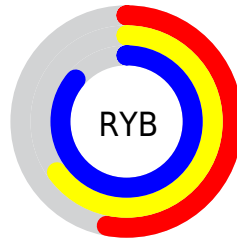
The Hex color **86BBDC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DCA786**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BEF3FF**, and **5086A5** is the 20% darker color. If you saturate the color by 10%, you get **70B3DC**, and if you desaturate by 10%, it is **9CC3DC**.

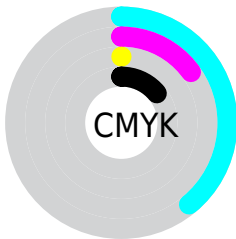
Distribution



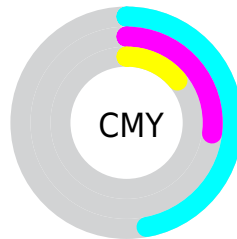
- Red (53%)
- Green (73%)
- Blue (86%)



- Red (53%)
- Yellow (65%)
- Blue (86%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86BBDC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 86BBDC by changing the saturation by 10% instead.

 86BBDC

 86BBDC

FFFFFF

 6BA0C0

 BEF3FF

 5086A5

 DBFFFF

 346D8B

 F8FFFF

 135471

 003D58

 002741

 00132B

 000116

 000000

 86BBDC

 86BBDC

 70B3DC

 9CC3DC

 5AAADC

 B2CCDC

 44A2DC

 C8D4DC

 2E99DC

 DEDDDC

 1891DC

 F4E5DC

 0288DC

 FFEEDC

 0088DC

 FFF6DC

 FFFFDC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77BFCE



86BBDC



A2B4DF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86BDC



E0A5AF



A7BB91

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86BDC



DCA786

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BFB589



86BBDC



DFA79B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86BDBC



D5A7C5



D3AD8D



8EBFA3

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86BBDC



B6AFDB



D3AD8D



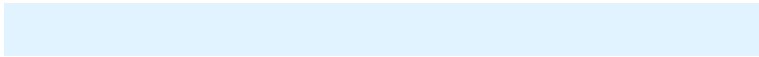
AFB98D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86BBDC



E0F3FF



86DCA7



6E7980



000000



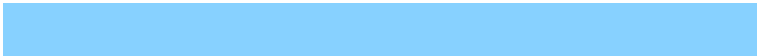
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86BBDC



87D1FF



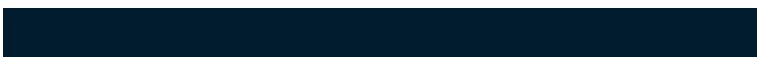
8690DC



63696E



006BAD



001C2E

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DC86BB



FF87D1



DCD286



6E6369



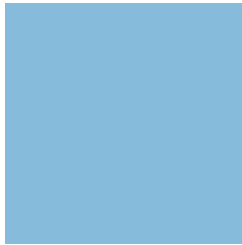
AD006B



2E001C

Previews

White Background



This preview shows how the Hex color 86BBDC looks on a white background.

Color Contrast Check

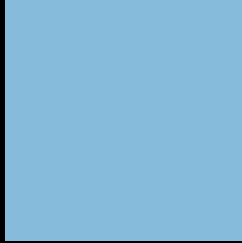
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 86BBDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

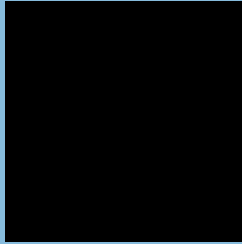
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 86BBDC Background



This preview shows how black text looks on a background with the Hex color 86BBDC.

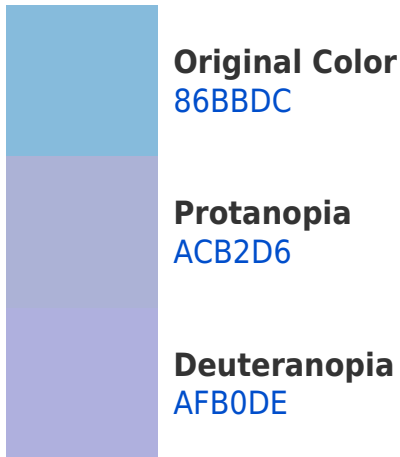


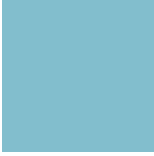
This preview shows how white text looks on a background with the Hex color 86BBDC.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

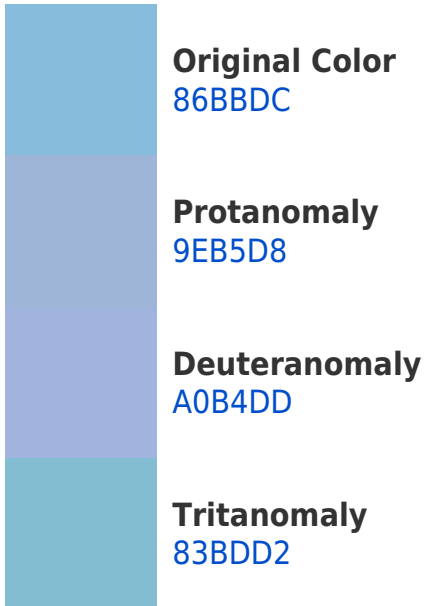
Dichromacy



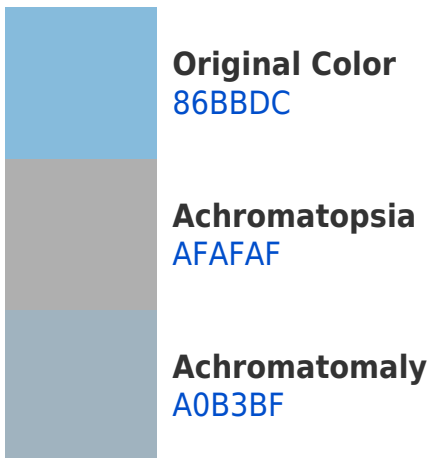


Tritanopia
82BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86BBDC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #86BBDC looks like.

```
.text, #text, p{  
    color:#86BBDC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #86BBDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BBDC
}
```

Border

The CSS property to change the border of an element to Hex 86BBDC is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86BBDC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#86BBDC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #86BBDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BBDC; -webkit-box-shadow:4px 4px  
4px 4px #86BBDC; box-shadow:4px 4px 4px  
4px #86BBDC }
```

Background

The CSS property to change the background color of an element to Hex 86BBDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BBDC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#86BBDC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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